

11	2629	99.6	1692	2	US-09-263-933-4	Sequence 4, Appli
12	2629	99.6	1692	2	US-09-263-933-11	Sequence 11, Appl
13	2629	99.6	1692	2	US-09-263-933-18	Sequence 18, Appl
14	2629	99.6	1692	2	US-09-919-901-4	Sequence 4, Appli
15	2629	99.6	1692	2	US-09-919-901-11	Sequence 11, Appl
16	2629	99.6	1692	2	US-09-919-901-18	Sequence 18, Appl
17	2629	99.6	1692	2	US-10-191-966-4	Sequence 4, Appli
18	2629	99.6	1692	2	US-10-191-966-11	Sequence 11, Appl
19	2629	99.6	1692	2	US-10-191-966-18	Sequence 18, Appl
20	2629	99.6	2307	2	US-09-263-933-2	Sequence 2, Appli
21	2629	99.6	2307	2	US-09-263-933-9	Sequence 9, Appli
22	2629	99.6	2307	2	US-09-263-933-16	Sequence 16, Appl
23	2629	99.6	2307	2	US-09-919-901-2	Sequence 2, Appli
24	2629	99.6	2307	2	US-09-919-901-9	Sequence 9, Appli
25	2629	99.6	2307	2	US-09-919-901-16	Sequence 16, Appl
26	2629	99.6	2307	2	US-10-191-966-2	Sequence 2, Appli
27	2629	99.6	2307	2	US-10-191-966-9	Sequence 9, Appli
28	2629	99.6	2307	2	US-10-191-966-16	Sequence 16, Appl
29	2615	99.1	535	2	US-09-949-016-6101	Sequence 6101, Ap
30	2589	98.1	506	2	US-09-360-237-59	Sequence 59, Appl
31	2572	97.5	592	3	US-10-071-645-6	Sequence 6, Appli
32	2561	97.0	762	3	US-10-954-468-42	Sequence 42, Appl
33	2561	97.0	878	3	US-10-954-468-41	Sequence 41, Appl
34	2561	97.0	985	3	US-10-954-468-39	Sequence 39, Appl
35	2555	96.8	489	1	US-08-752-307B-3	Sequence 3, Appli
36	2555	96.8	489	2	US-09-707-802-3	Sequence 3, Appli
37	2555	96.8	489	2	US-09-991-326-3	Sequence 3, Appli
38	2555	96.8	528	2	US-09-949-016-8909	Sequence 8909, Ap
39	2534	96.0	489	2	US-09-330-317B-18	Sequence 18, Appl
40	2534	96.0	489	2	US-09-808-589A-18	Sequence 18, Appl
41	2530.5	95.9	621	2	US-09-581-894A-19	Sequence 19, Appl
42	2518.5	95.4	620	2	US-09-581-894A-13	Sequence 13, Appl
43	2515	95.3	605	2	US-09-581-894A-15	Sequence 15, Appl
44	2515	95.3	621	2	US-09-581-894A-17	Sequence 17, Appl
45	2515	95.3	654	2	US-09-581-894A-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1

US-08-867-352-21
 ; Sequence 21, Application US/08867352
 ; Patent No. 6060273
 ; GENERAL INFORMATION:
 ; APPLICANT:
 ; TITLE OF INVENTION: Multicistronic expression units and their use
 ; NUMBER OF SEQUENCES: 25
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/867,352
 ; FILING DATE:
 ; CLASSIFICATION:

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/387,847
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 506 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-867-352-21

Query Match 100.0%; Score 2639; DB 2; Length 506;
Best Local Similarity 100.0%; Pred. No. 1.1e-262;
Matches 506; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLLLLLLGLRLQLSLGIIPVEEENPDFWNREAAEALGAAKKLQPAQTAAKNLIIFLGDG 60
Db 1 MLLLLLLGLRLQLSLGIIPVEEENPDFWNREAAEALGAAKKLQPAQTAAKNLIIFLGDG 60

Qy 61 MGVSTVTAARILKGQKKDKLGPEIPLAMDRFPYVALSKTYNVDKHPDSGATATAYLCGV 120
Db 61 MGVSTVTAARILKGQKKDKLGPEIPLAMDRFPYVALSKTYNVDKHPDSGATATAYLCGV 120

Qy 121 KGNFQTIGLSAARFNQCNTRGNEVISVMNRAKKAGKSVGVVTRVQHASPAGTYAHT 180
Db 121 KGNFQTIGLSAARFNQCNTRGNEVISVMNRAKKAGKSVGVVTRVQHASPAGTYAHT 180

Qy 181 VNRNWYSDADVPASARQEGCQDIATQLISNMDIDVILGGGRKYMFPMTDPPEYPDDYSQ 240
Db 181 VNRNWYSDADVPASARQEGCQDIATQLISNMDIDVILGGGRKYMFPMTDPPEYPDDYSQ 240

Qy 241 GGTRLDGKNLVQEWLAKRQGARYVWNRTELMQASLDPSVTHLMLFEPGDMKYEIHRDST 300
Db 241 GGTRLDGKNLVQEWLAKRQGARYVWNRTELMQASLDPSVTHLMLFEPGDMKYEIHRDST 300

Qy 301 LDPSLMEMTEAALRLLSRNPRGFFLFVEGGRIDHGHESRAYRALTETIMFDDAIERAGQ 360
Db 301 LDPSLMEMTEAALRLLSRNPRGFFLFVEGGRIDHGHESRAYRALTETIMFDDAIERAGQ 360

Qy 361 LTSEEDTLSLTADHSVFSFGGYPLRGSSIFGLAPGKARDRKAYTVLLYGNPGYVLKD 420
Db 361 LTSEEDTLSLTADHSVFSFGGYPLRGSSIFGLAPGKARDRKAYTVLLYGNPGYVLKD 420

Qy 421 GARPDVTESESGSPEYRQQSAVPLDEETHAGEDVAVFARGPQAHLVHGVQEQTFAHVMA 480
Db 421 GARPDVTESESGSPEYRQQSAVPLDEETHAGEDVAVFARGPQAHLVHGVQEQTFAHVMA 480

Qy 481 FAACLEPYTACDLAPPAGTTDAHPG 506
Db 481 FAACLEPYTACDLAPPAGTTDAHPG 506

RESULT 2
US-10-968-202-3
; Sequence 3, Application US/10968202
; Patent No. 7157261
; GENERAL INFORMATION: